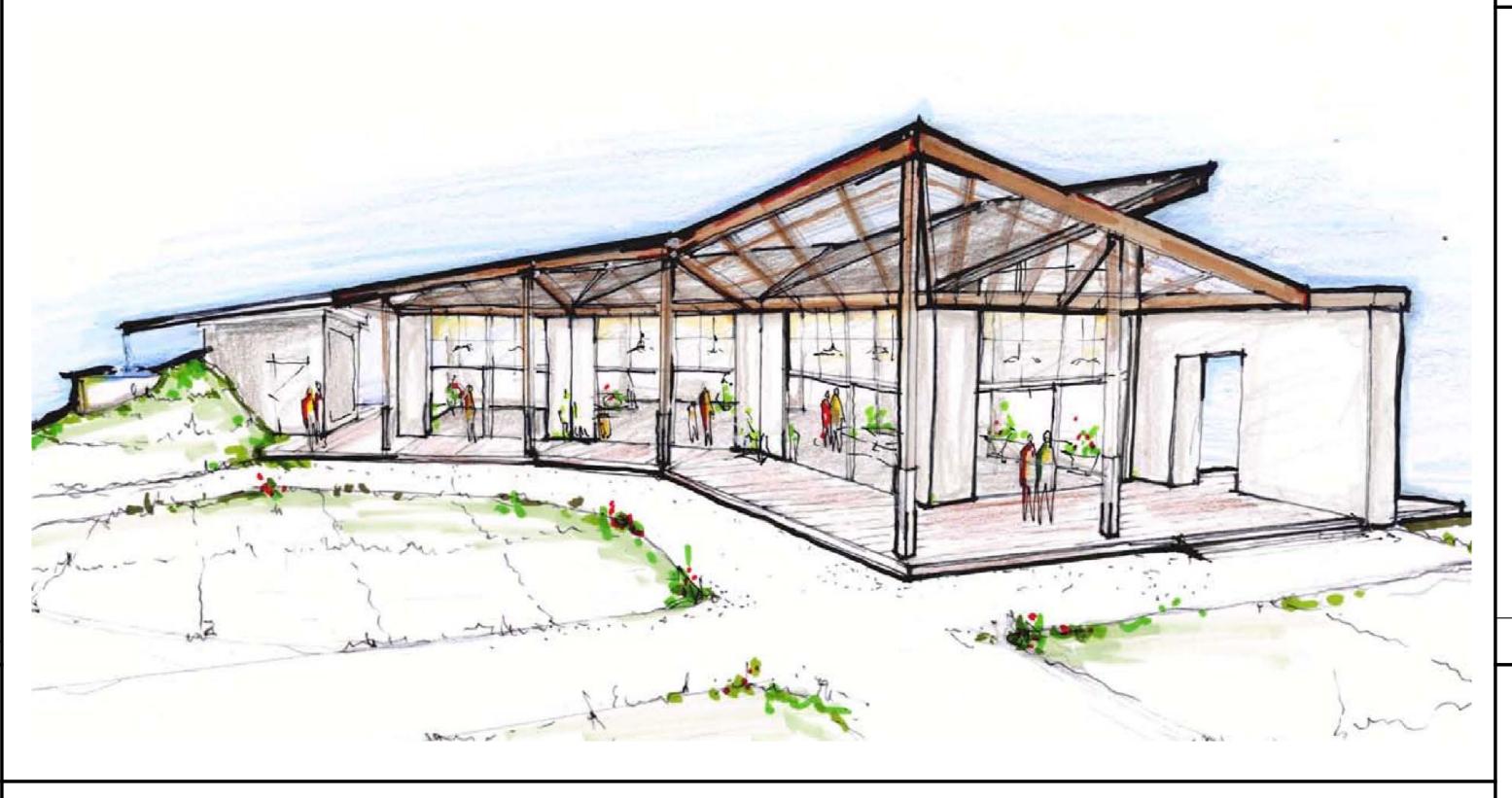


## **NEW CONSTRUCTION** PLOUGHSHARES NURSERY

## 2701 WEST MAIN STREET ALAMEDA, CA 94501

MAJOR DESIGN REVIEW SUBMITTAL SEPTEMBER I, 2011



## 112 RETAIL DECK REAR DECK MANAGERS OFFICE

CLR PATH OF ACCESSIBLE EXIT TRAVEL MERCHANTILE AREA **EDUCATIONAL VOCATIONAL AREA** OFFICE/BUSINESS AREA ACCESSORY STORAGE AREA AREA CALCS/ OCCUPANCY LOADS (PER TABLE 1004.1.1): EDUCATIONAL VOCATIONAL: 270 SF/ 50 SF = 4.8 OCCUPANTS OFFICE/ BUSINESS AREA: 500 SF/100 SF = 5 OCCUPANTS ACCESSORY STORAGE AREA: 360 SF/300 SF = 1.2 OCCUPANTS 46 OCCUPANTS **TOTAL OCCUPANCY COUNT** PER TABLE 1015.1

MAXIMUM OCCUPANT LOAD FOR 'M' OCCUPANCIES WITH ONE EXIT IS 49. 46 < 49 THEREFORE I EXIT IS REQUIRED. THE TRAVEL DISTANCE TO AN EXIT IN ANY GIVEN DIRECTION MUST BE LESS THAN 200 FT (WITHOUT SPRINKLER SYSTEM).
THE MAXIMUM TRAVEL DISTANCE TO ANY EXIT WITHIN THIS SPACE IS 40

EGRESS PLAN AND OCCUPANCY LOAD CALCULATION SCALE: 3/32" = 1'-0"

KAHN DESIGN ASSOCIATES ALAMEDA POINT COLLABORATIVE 677 WEST RANGER AVENUE 1810 SIXTH STREET ALAMEDA, CA 94501 BERKELEY, CA 94710 TEL (510) 898-7813 TEL (510) 841-3555 FAX (510) 898-7858 FAX (510) 841-1225 DOUG BIGGS CHARLES KAHN, ARCHITECT

DBiggs@apcollaborative.org ANDREA SCHORR ASchorr@apcollaborative.org

jenniferd@kda-berkeley.com

LANDSCAPE: **PLOUGHSHARES NURSERY** 2701 MAIN STREET ALAMEDA, CA 94501 TEL (510) 388-1488

PROJECT TEAM

PLANNING RESOLUTION NO.: PR-05-16

**BUILDING INFORMATION:** 

TYPE OF CONSTRUCTION: V-B

**JOCELYN PRESTWICH** jbprestwich@apcollaborative.org

**ZONING DISTRICT:** 

**USE PERMIT NO.:** 

**BUIDING USE:** 

TEL (805) 543-4269

CHRIS SCHELLHASE chriss@bmaslo.com

PARCEL 99 (ALAMEDA POINT)

KEVIN DONAHUE, S.E. 1101 8TH STREET, #180 BERKELEY, CA 94710 TEL (510) 528-5394 FAX (510) 528-0206 KEVIN DONAHUE, S.E.

kdse@sbcglobal.net

jdean@thomaelec.com

CODE REQUIREMENTS:

2010 CALIFORNIA ENERGY CODE

2010 CALIFORNIA MECHANICAL CODE

2010 CALIFORNIA ELECTRICAL CODE

I. SIGNAGE UNDER SEPARATE PERMIT

charlesk@kda-berkeley.com JENNIFER H. DOWNING

**ELECTRICAL ENGINEER: MECHANICAL ENGINEER:** THOMA ELECTRIC 100 CROSS STREET, SUITE 204 3562 EMPLEO, SUITE C SAN LUIS OBISPO, CA 93401 SAN LUIS OBISPO, CA 93406 TEL (805) 543-3850

**BRANDON RODGERS** brandonr@bmaslo.com

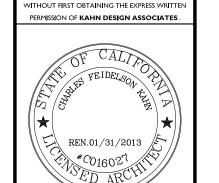
D NOT FOR CONSTRUCTION UNLESS THEY B THE ARCHITECT'S SEAL AND WET SIGNATUR FAX (805) 543-3859 ALONG WITH THE GOVERNING AGENCY'S EVIEW SEAL OF APPROVAL AND WET SIGNATU **HEATHER GRAY** hgray@thomaelec.com ESE PLANS ARE NOT TO BE REPRODUCED, CH JIMMY DEAN COPIED IN ANY FORM OR MANNER WHATSO

**REVISION:** 

50% COMPLETION SET

PLANNING REVIEW

INITIAL BLDG SBMTL



OR ARE THEY TO BE ASSIGNED TO ANY THIRD F

2010 CALIFORNIA PLUMBING CODE 2010 CALIFORNIA FIRE CODE 2010 CALIFORNIA CALGREEN **DEFERRED APPROVALS** 

FLOOR AREA (PER 2010 CBC TABLE 503): **EXISTING:** 

UP-00-08

2,580 SF (GROSS) / 2170 SF (NET) PROPOSED: ALLOWABLE:

PROPOSED # OF STORIES: ALLOWABLE # OF STORIES:

PROPOSED HEIGHT: 24'-6" HIGHEST POINT

**LOT COVERAGE:** LOT AREA: 4 ACRES **EXISTING COVERAGE:** 

VACANT LOT, NO PERMANENT STRUCTURES TOTAL LOT AREA PROPOSED TO BE AFFECTED

% LOT COVERAGE BY PROPOSED BUILDING

**FLOOR AREA:** EXISTING:

2,580 SF (GROSS) / 2170 SF (NET) PROPOSED:

**FIRE SPRINKLERS:** PROPOSED:

PROJECT INFORMATION

TO BUILD A 2580 GROSS SF (2170 NET SF) SUSTAINALBE PLANT NURSERY RETAIL BUILDING FOR PLOUGHSHARES NURSERY. PLOUGHSHARES OPERATES UNDER ALAMEDA POINT COLLABORATIVE. THE SITE IS LOCATED AT 2701 WEST MAIN STREET IN ALAMEDA AND CURRENTLY HAS NO PERMANENT STRUCTURES ON-SITE. THIS PARCEL HOUSES BOTH PLOUGHSHARES NURSERY AND APC'S GROWING YOUTH PROGRAM

THE SITE AND ITS ASSOCIATED PARKING WAS PREVIOUSLY APPROVED FOR DEVELOPMENT UNDER PLANNING BOARD RESOLUTION NUMBER PB-05-16. THE PARKING ON-SITE IS EXISTING TO REMAIN.

IT IS THE INTENTION THAT THESE SUSTIANABLE COMPONENTS AND CHARACTER OF THE BUILDING WILL ACT AS INSPIRATION AND A MODEL FOR FUTURE SUSTAINABLE BUILINGS IN ALAMEDA. ITS PRECENSE ON SITE WILL ACT AS A QUIET TRANSITIONAL BUFFER FROM THE POINT'S INDUSTRIAL USE TO THE ADJACENT RESIDENTIAL ZONE.

THE BUILDING WILL EMPLOY GREEN STRATEGIES AND ALTERNATIVE CONSTRUCTION TECHNOLOGIES, INCLUDING: STRAW BALE CONSTRUCTION, EARTH BAG CONSTRUCTION, USE OF SALVAGED, DONATED AND SURPLUS MATERIALS FOR NON-STRUCTURAL ITEMS SUCH AS WINDOWS, DOORS, FLOORING AND WALL MATERIALS. ALTERNATIVE ENERGY SOURCES SUCH AS SOLAR, BUILDING ORIENTATION ON SITE, LIVING ROOF, NATURAL LIGHT, BERMING AT ROOT CELLAR TO CONTROL TEMPERATURES, NATURAL VENTILATION VIA MANUALLY OPERABLE WINDOWS AND AIR FLOW, RETENTION OF ALL RAIN WATER IN RAIN BARRELS, STORMWATER RETENTION AND TREATMENT ON-SITE VIA BIOSWALE, WATER REUSE FOR IRRIGATION.

PLEASE NOTE: DUE TO THE ALTERNATIVE CONSTRUCTION METHODS, THERE IS A SIGNIFICANT LOSS OF USEABLE (2170 SF NET) SF FROM GROSS SF (2580SF GROSS)AS, FOR INSTANCE, THE STRAW BALE WALLS ARE 29"w THICK AND THE EARTH BAG WALLS ARE 19"w THICK.

SCOPE OF WORK

**GENERAL SHEETS** G001 COVER SHEET

**ARCHITECTURAL DRAWINGS** A 100 SITE PLAN A101 FLOOR PLAN A103 ROOF PLAN **A200** ELEVATIONS

**A300** BUILDING SECTIONS **A301** BUILDING SECTIONS

LANDSCAPE DRAWINGS LI00 LANDSCAPE PLAN

DRAWN BY: V.Q. TRUONG

FIXTURE COUNT CALCULATION

LOCATION MAP 6 N.T.S.

• GRAPHIC SYMBOLS

N.T.S.

PLUMBING FIXTURE COUNT (PER 2010 CPC TABLE 4-1):

REQ'D LAV COUNT: **PROPOSED** ONE FOR EACH TWO MALE I:I-I00 **TOTAL OCC COUNT = 46** WCS + LAVS: WATER CLOSETS REQ'D FEMALE 1:1-25 (I) W.C. (I) W.C. (I) W.C. + (I) LAV. (I) W.C. (I) W.C. = 23

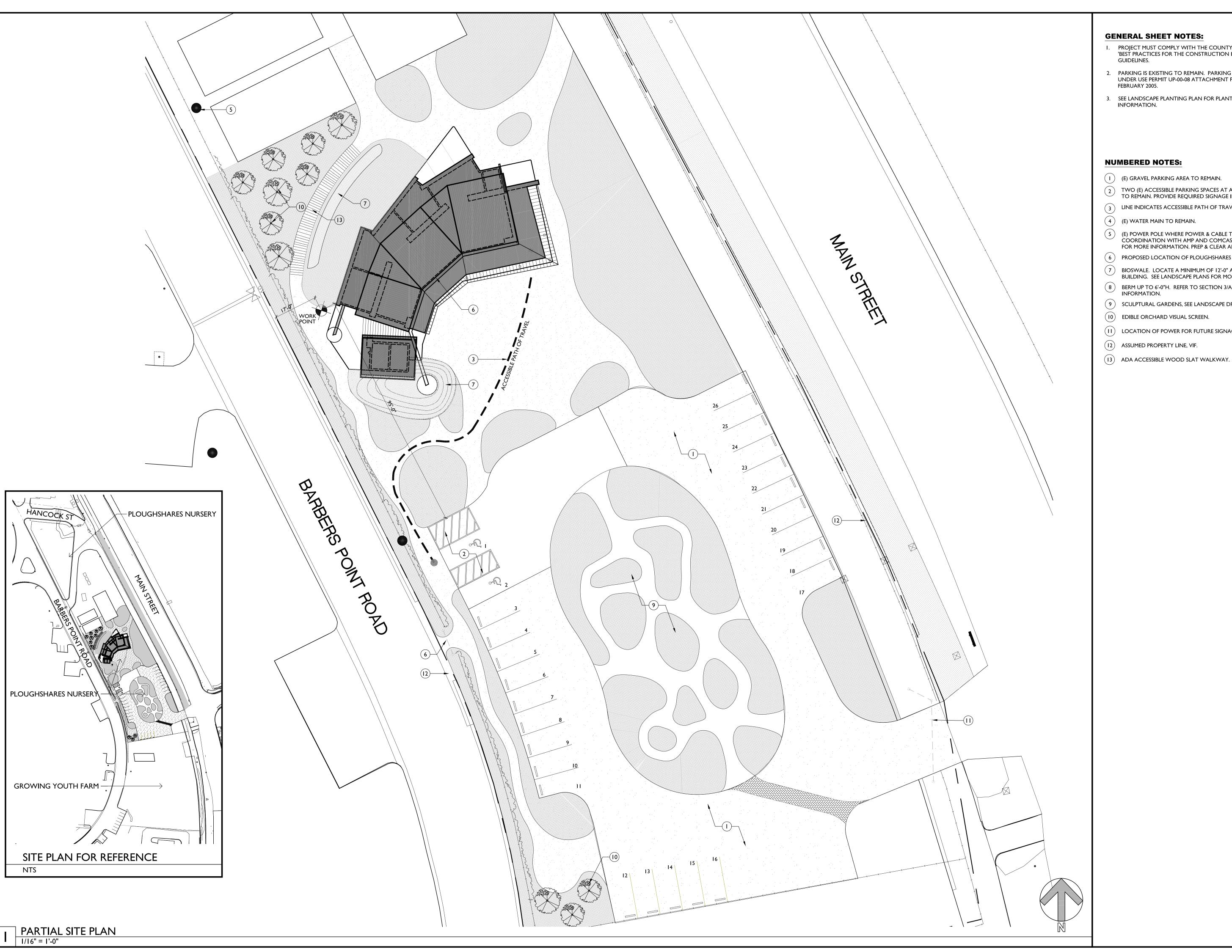
PROJECT SITE

TABLE OF CONTENTS

**COVER SHEET** 

**SCALE**: AS NOTED

JOB NO: APC01



I. PROJECT MUST COMPLY WITH THE COUNTY OF ALAMEDA'S PLANNING REVIEW 'BEST PRACTICES FOR THE CONSTRUCTION INDUSTRY'

2. PARKING IS EXISTING TO REMAIN. PARKING IS APPROVED UNDER USE PERMIT UP-00-08 ATTACHMENT F DATED

3. SEE LANDSCAPE PLANTING PLAN FOR PLANTING

- ( I ) (E) GRAVEL PARKING AREA TO REMAIN.
- TWO (E) ACCESSIBLE PARKING SPACES AT ASPHALT PAVING TO REMAIN. PROVIDE REQUIRED SIGNAGE IF DOES NOT EXIST.
- 3 LINE INDICATES ACCESSIBLE PATH OF TRAVEL.
- (5) (E) POWER POLE WHERE POWER & CABLE TO BE PULLED PER COORDINATION WITH AMP AND COMCAST. SEE ELEC PLANS FOR MORE INFORMATION. PREP & CLEAR AREA FOR WORK.
- (6) PROPOSED LOCATION OF PLOUGHSHARES NURSERY BLDG.
- 7 BIOSWALE. LOCATE A MINIMUM OF 12'-0" AWAY FROM THE BUILDING. SEE LANDSCAPE PLANS FOR MORE INFORMATION.
- 8 BERM UP TO 6'-0"H. REFER TO SECTION 3/A301 FOR MORE INFORMATION.
- (9) SCULPTURAL GARDENS, SEE LANDSCAPE DRAWINGS.
- (II) LOCATION OF POWER FOR FUTURE SIGNAGE LIGHTING.

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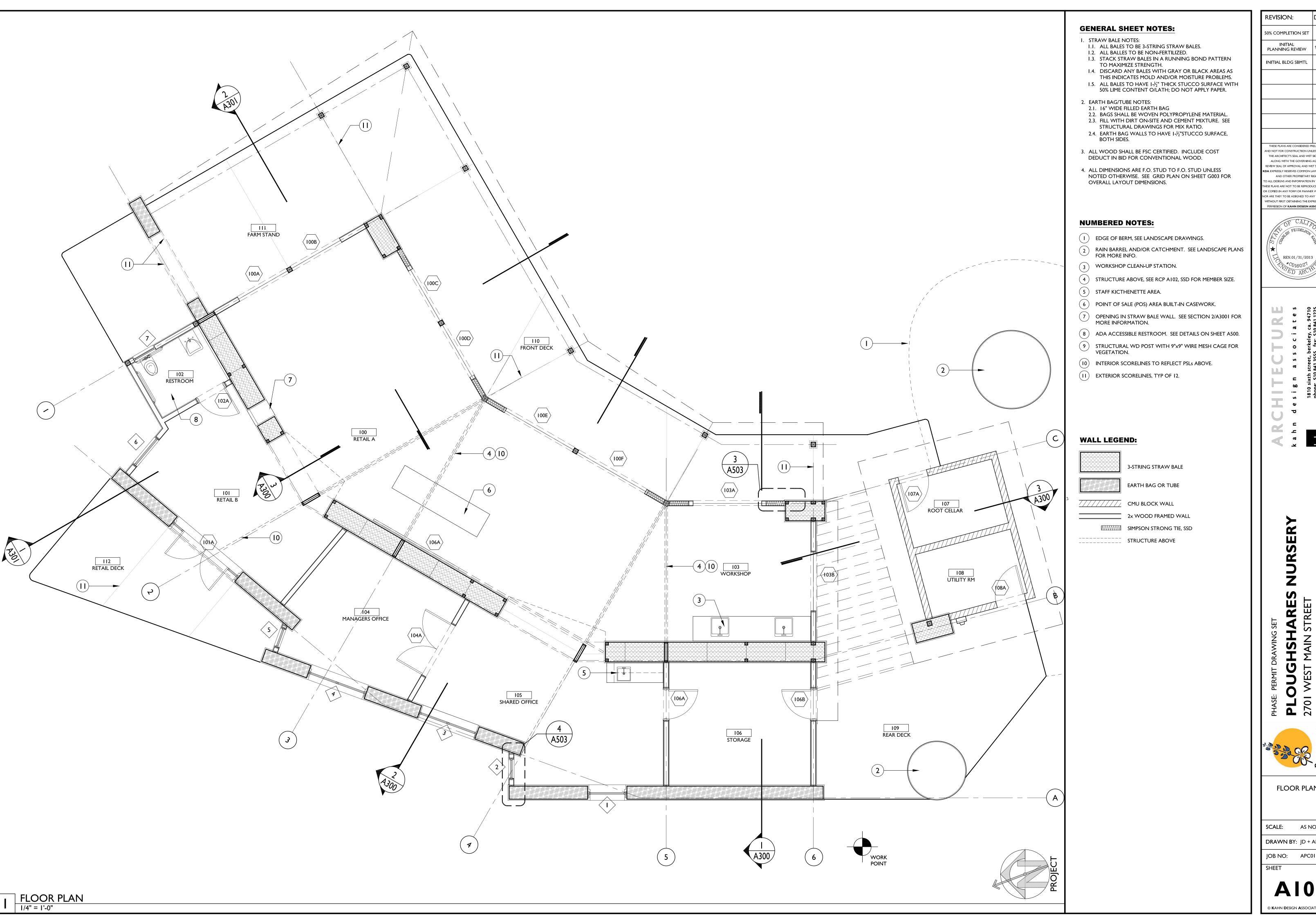


SITE PLAN

SCALE: AS NOTED

DRAWN BY: JD + AR

**A100** 



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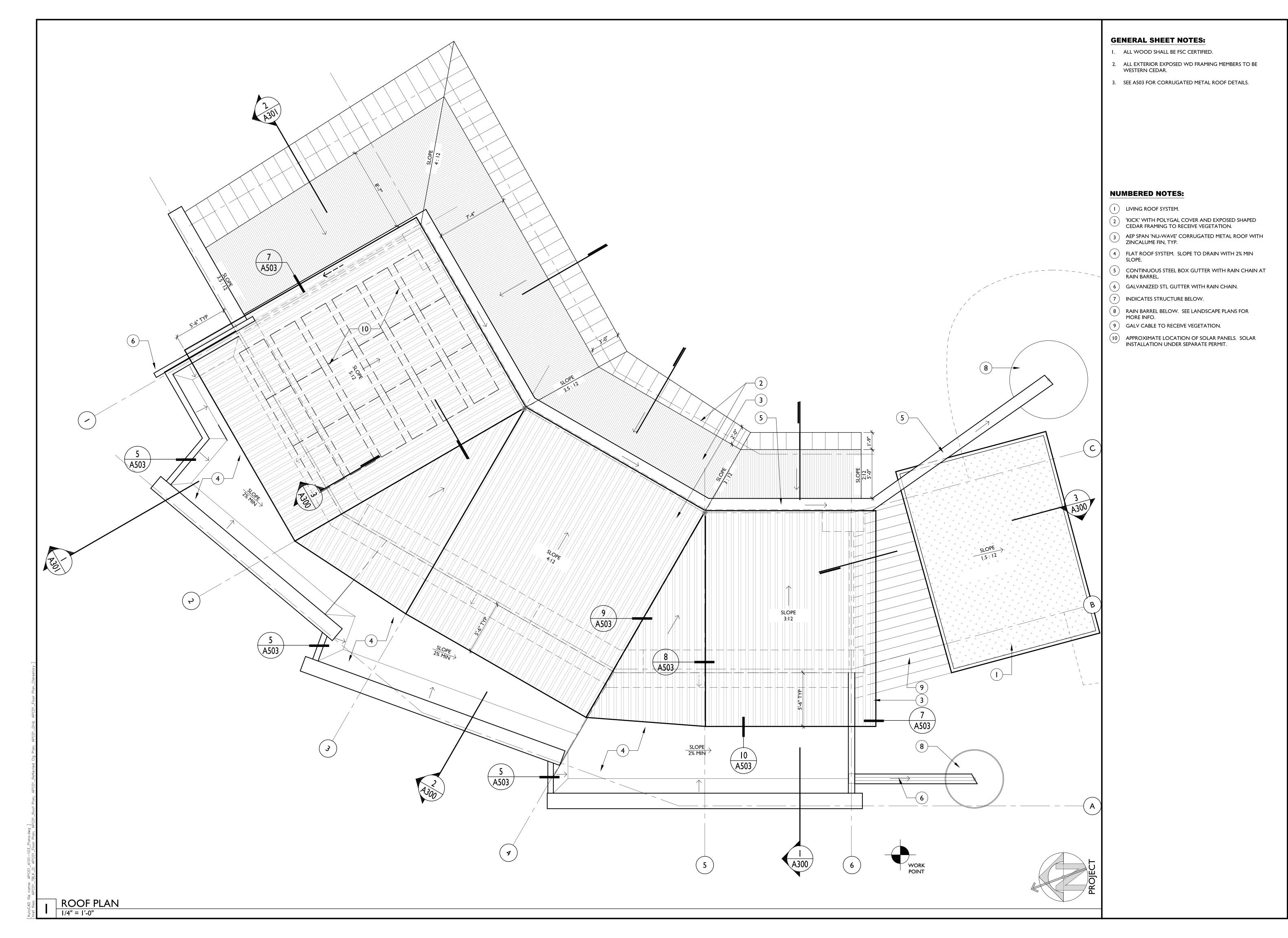


NURSERY

FLOOR PLAN

SCALE: AS NOTED

DRAWN BY: JD + AR



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s o c i a t e s t, berkeley, ca. 94710 555 fax: 510.841.1225 associates.com

designass
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phone: 510.841.3555

9) kda

S NURSERY
LAMEDA POINT PARCE

PLOUGHSHARES P 2701 WEST MAIN STREET ALAMEDA, CA 94501 (ALAP



ROOF PLAN

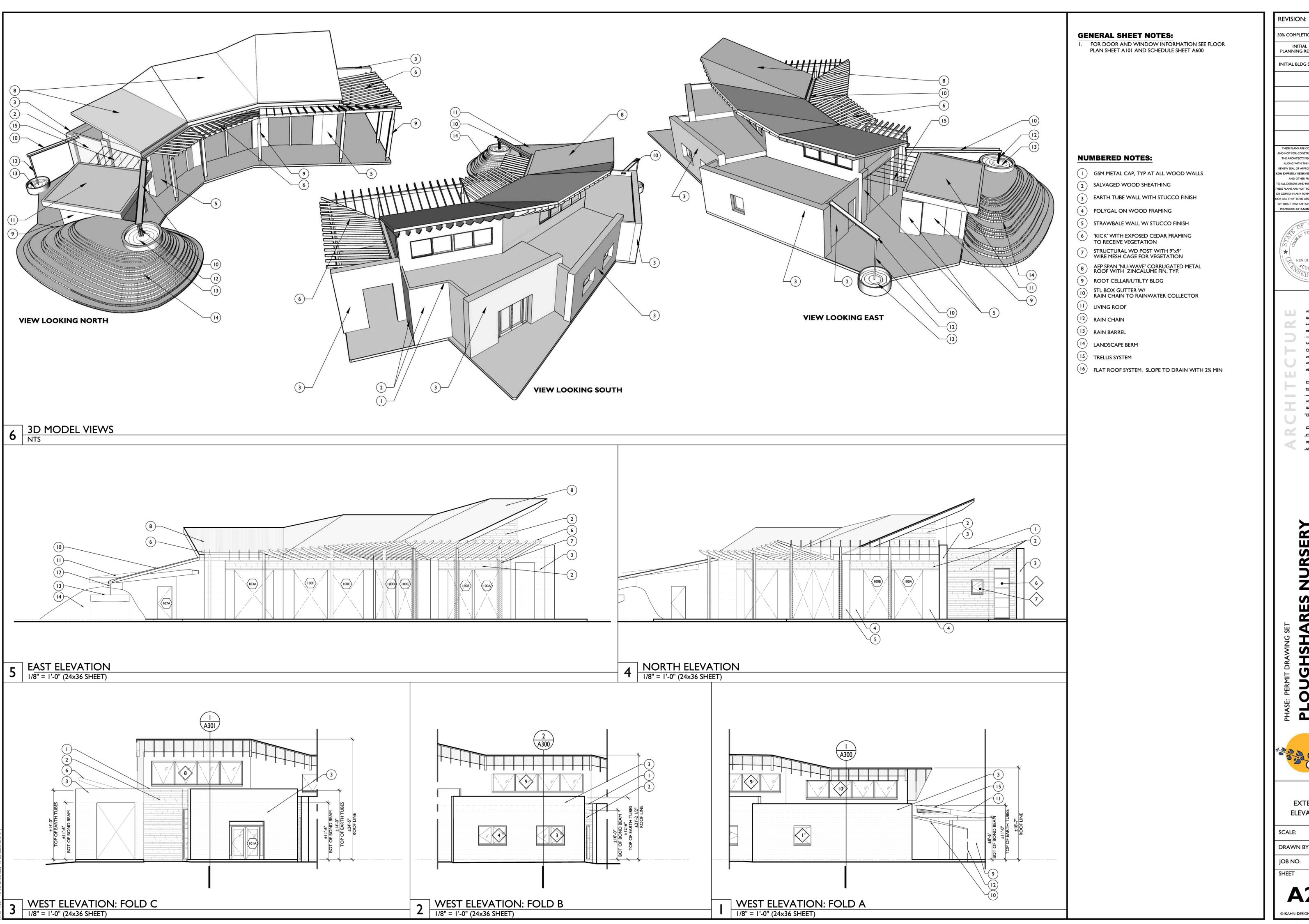
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SCALE: AS NOTED

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AI03

A LINE DECICAL ACCOCUATES



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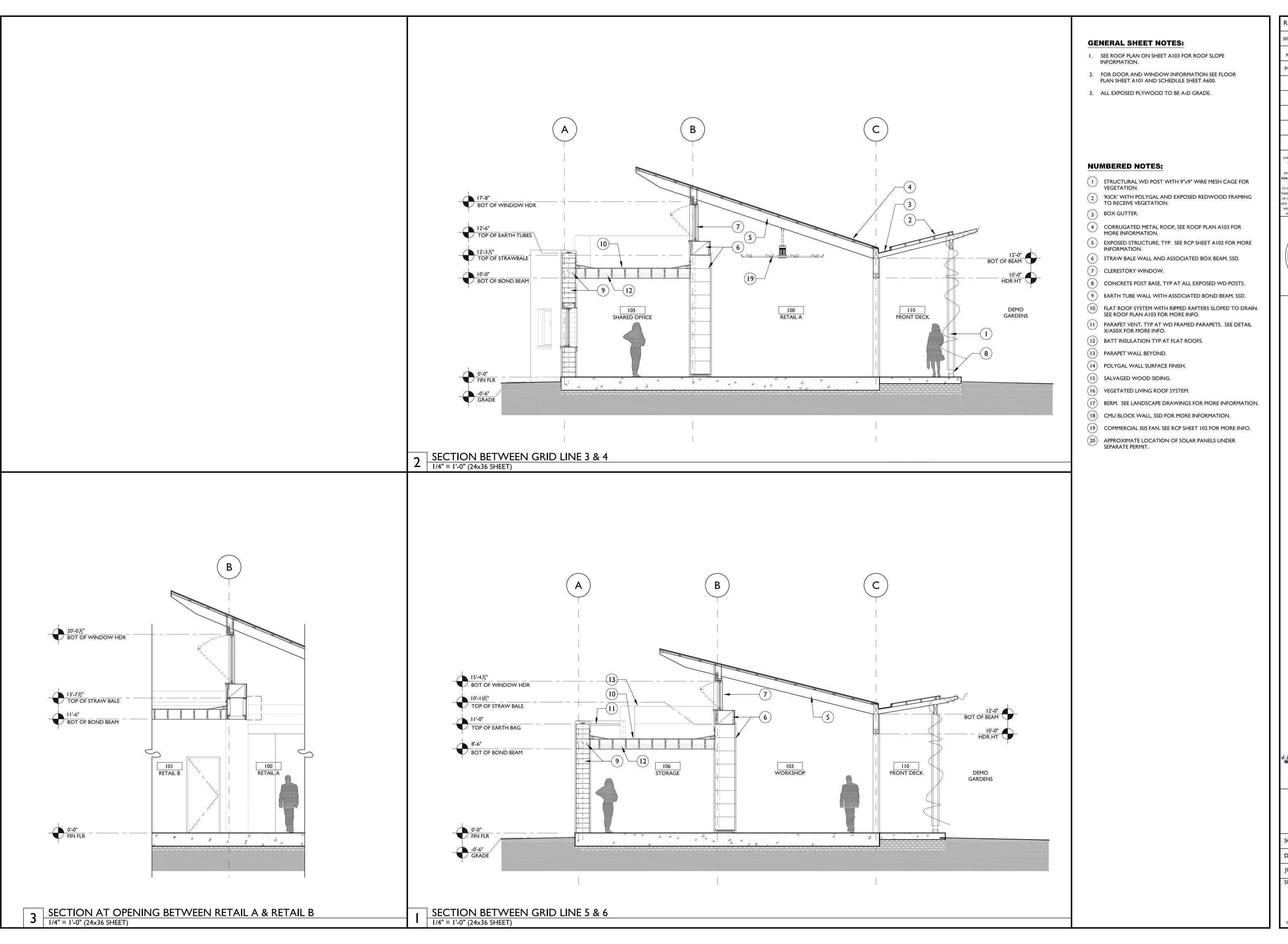


**EXTERIOR ELEVATIONS** 

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JOB NO: APC01



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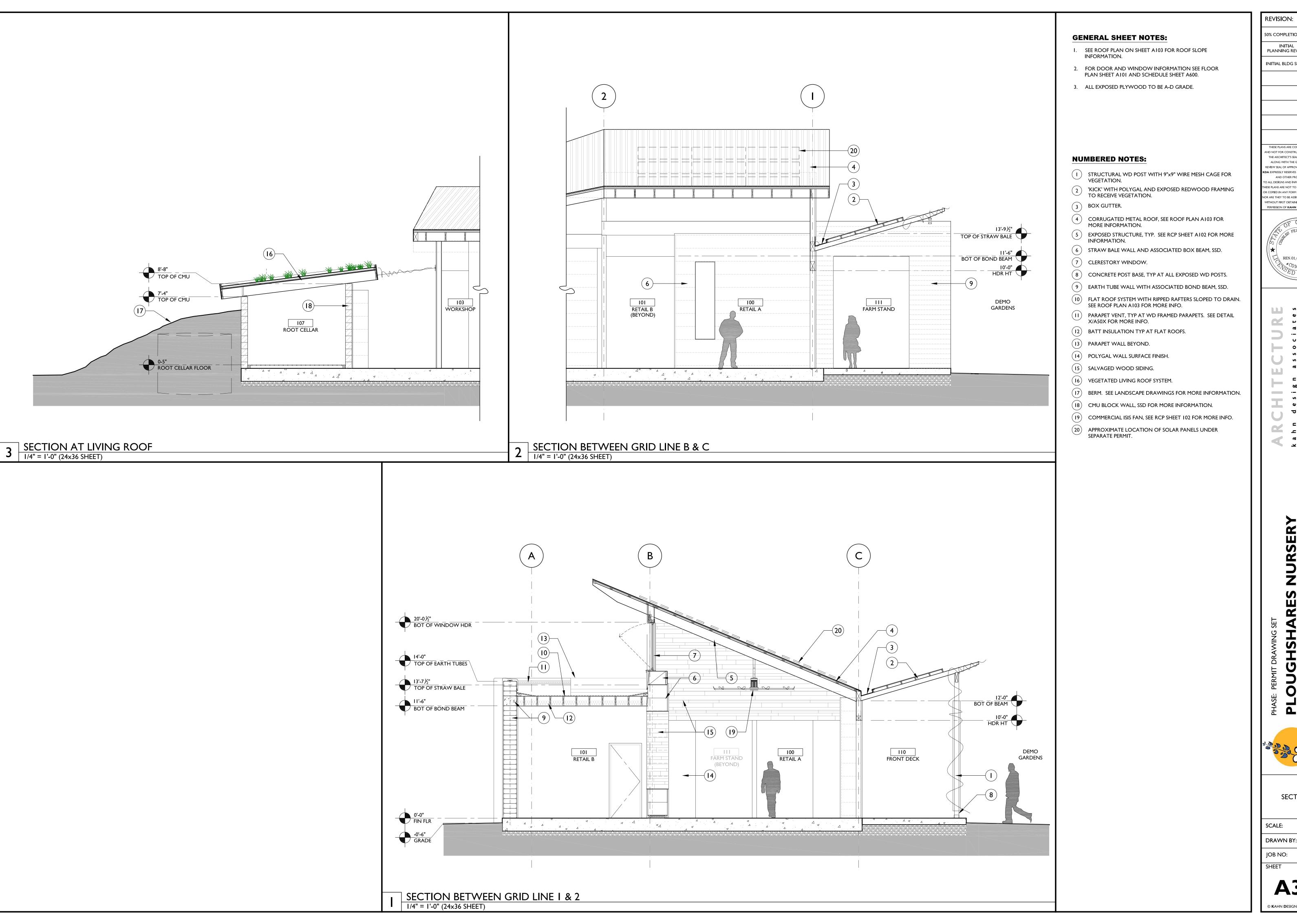


**SECTIONS** 

SCALE: AS NOTED

DRAWN BY: AR + JD JOB NO: APC01

**A300** 



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NURSERY



SECTIONS

SCALE: AS NOTED

DRAWN BY: AR + JD JOB NO: APC01

**A30** 



REVISION:	DATE:
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INITIAL PLANNING REVIEW	9.01.2011
initial bldg sbmtl	TBD

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TALAMEDA POINT PARCEL 9

LANDSCAPE PLAN

· AS NOTED

DRAWN BY: JP

NO: APC01

LI00